POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney 37 CFR 3.73(b)	given in the appl	ication identified in the a	ittached statement under
I hereby appoint.		***************************************	1
Practitioners associated with the Costomer Number		20999	
OR		***************************************	J
Practitioner(s) named below (if more than ten patent	practitioners are to b	e named, then a customer nur	mber must be used):
Maine	Registration Number	Name	Registration

as attorney(s) or agent(s) to represent the undersigned bet			
any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).			
Flease change the correspondence address for the application identified in the attached statement under 37 CFR 3 73(b) to:			
riease change the correspondence address for the applica	tion identified in the i	stached statement under 37 C	3+14 3 73(D) to:
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The address associated with Customer Number: 20999			
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City	State		Zip
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Assignee Name and Address;			
VALVE CORPORATION			
VALUE CORPORATION VALUE CORPORATION 10400 NE 4H St., Suite 500 BELLEVUE, WASHINGTON 98004			
BELLEVUE, WASHINGTON 98004			
A conv of this form, together with a ct-tomost up	der 37 CER 3 726	1) (Form PTO/SR/98 or as	nderthe remiser to be
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of			
the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee,			
and must identify the application in which this Power of Attorney is to be filed.			

Telephone 425.902-2790 Name 5701 Lunin Title Collection of information is required by 37 CPER 31, 132 and 130. The information is required to obtain or relain a benefit by the public which is to file (one of the collection of information is required by 37 CPER 31, 132 and 130. The information is required to obtain or relain a benefit by the public which is sto file (one of the Collection is collection) and information of the collection is collection in comments on the amount of time you require to complete the form and/or suppretend for reducing this burder, should be sent to the Chell information officer. USE Pattern and Transmiss Officer, USE Opportment of Commence y P. 0 (or 14/4), Alexanderis, W. 23 231-1450, D. ONTO SERVI FEES OF COMFLETE

Signature

SIGNATURE of Assignes of Record The representation whose semantic and title is applied below is subtrained to act on behalf of the assigned

Date

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FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.